

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"20090075447"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2011/01/10 13:29
L2	4	US-5506427-\$.DID. OR US-20050181569-\$.DID. OR US-20050079678-\$. DID. OR US-6509242-\$. DID.	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/10 13:29
L3	0	("5,773,3501").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2011/01/10 13:29
L4	1	("5,773,350").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2011/01/10 13:29
L5	1357	(bipolar with transistor) and ((trench or open\$3 or via) same oxide) and ((selective same epitax\$5 same grow\$3) or SEG)	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/10 13:29
L6	786	L5 and (@ay<"2004")	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/10 13:29
L7	1	("6903439").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2011/01/10 13:29
L8	2	("6482710").PN. OR ("6903439").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/10 13:29
L9	2	"20050181569"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2011/01/10 13:29
L10	9428	(438/309-378).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2011/01/10 13:29

L11	1357	(bipolar with transistor) and ((trench or open\$3 or via) same oxide) and ((selective same epitax\$5 same grow\$3) or SEG)	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/10 13:29
L12	340	L10 and L11	US-PGPUB; USPAT; EPO; JPO	OR	ON	2011/01/10 13:29
L13	1	("20090075447").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2011/01/10 13:29
L14	1163	438/309	US-PGPUB; USPAT; EPO; JPO	OR	ON	2011/01/10 13:29
L15	798	(438/309).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2011/01/10 13:29
L16	443	(438/311).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2011/01/10 13:29
L17	69	(438/316).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2011/01/10 13:29
L18	109	(438/335).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2011/01/10 13:29
L19	74	(438/360).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2011/01/10 13:29
L20	136	(438/361).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2011/01/10 13:29
L21	50	(257/e21.053).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2011/01/10 13:29
L22	1357	(bipolar with transistor) and ((trench or open\$3 or via) same oxide) and ((selective same epitax\$5 same grow\$3) or SEG)	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/10 13:29

L23	9428	(438/309-378).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2011/01/10 13:29
L24	1357	(bipolar with transistor) and ((trench or open\$3 or via) same oxide) and ((selective same epitax\$5 same grow\$3) or SEG)	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/10 13:29
L25	340	L23 and L24	US-PGPUB; USPAT; EPO; JPO	OR	ON	2011/01/10 13:29
L28	1	("7091072").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2011/01/10 13:29
L29	20546	(amorphous\$ same crystall\$ same select\$)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2011/01/10 13:29
L30	1266	L29 and bipolar	US-PGPUB; USPAT; EPO; JPO	OR	ON	2011/01/10 13:29
L31	916	L29 and (bipolar same transistor)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2011/01/10 13:29
L32	1	("5614425").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2011/01/10 13:32
L33	1	("20030230779").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2011/01/10 13:32

### EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L26	30	(meunier near beillard near philippe).in.	US-PGPUB; USPAT; UPAD	OR	ON	2011/01/10 13:29
L27	1	(trench same emitter same bipolar same (amorph\$ or polysilicon) same select\$ same non- select\$).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/01/10 13:29

**1/10/2011 1:33:18 PM**

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